Notebook Series -- Notebooks by Edison and Other Experimenters
Disc Record Book No. 12
Notebook, N-16-05-04.2

This notebook was used by Edison in May 1916 for notes on experiments to improve the manufacture of disc records. The entries describe a sequence of experiments numbered from 1056E to 1076E. Included are tests involving different varnish compounds, variations in the number of coats and methods of applying the varnish, and differing amounts of pressure and baking schedules. Flaws and successful results are both noted, along with the title of the musical selection used in the tests. Some of the tests were performed on blanks rejected for bad varnishing in order to "show if we must be careful in varnishing." Several entries contain information on the number of presses available for the transfer and printing process; one entry indicates that not all presses acted alike and that each had to be tested. Some notes are in the form of instructions to Sherwood T. (Sam) Moore or other employees. Inserted into the book are four loose pages of notes by Edison pertaining to the reexamination in November 1916 of experiments 1058, 1063, 1065, and 1067. The front and back covers are labeled "No 12." The pages are unnumbered. Approximately 125 pages have been used.

12	100%
11	91
10	83
9	75
8	66
7	58
6	50
5	41
4	33
3	25
2	16
1	8

87150
Acme Co.,
MFG STATIONERS,
96 JOHN ST.
AND
19 PLATT ST.
NEW YORK.

May 4/1916

Average OK 40 Dups

67.5% to 33 Dup –

May 4/16

1910 Lot 3 31 Dup Flush holes 1 Horn Bake 3 Coat	Dup 32 Inspected 10 ok	33 Inspected 12 ok
OK OK	10 OK OK	Specs OK
Big bare Spott do	9 Specs Big bare Label	OK OK
OK OK	8 Big bare " " Edge	OK OK
Specs Specs	7 OK OK	OK OK
OK Big bare Label	6 Tern OK Edge	OK OK
OK OK	5 OK Corner Crush Edge	OK OK
Big Bare OK	4 Tern Big bare Edge	OK OK
Big bare OK	3 OK OK	OK OK
OK OK	2 OK OK	Big bare " " Edge
OK OK	1 OK OK 1	OK OK
OK OK	10	OK OK
OK OK		Big bare Big bare op-Label
		OK OK
12		12
58%	60%	75%
Roundabout dot	Stop, Look, Listen	Stop Look + Listen

Listen to 2 Coat
" " 3 Coat.

2 Coats OK 14 surfaces
tested 4 good
7 Very good
3 Very Very good

---

3 Coat - The ferns Cracked bad
May have to sand paper the veneer
off - on discards - possibly
all the discard & rewarnish -

14 surfaces 3rd Coat
good 2
Very good 7
Very Very good 5

Repeats 2.

Run outs
OK grade
2

Think will have to
sand paper them off
or remove surface

Reprints of records which were rejected for ferns & small pull outs. Reg May 4 Technique

One coat 130° ½ hour	Two Coats	Three Coats
Nit	Ferns OK	OK OK
Nit	OK OK	OK OK
Nit	OK OK	OK OK
Nit	Ferns Ferns | op	Ferns OK
Nit	OK OK	Big Ferns OK
Nit	OK OK	Ferns OK
Nit	Specs OK	OK OK
Nit	Low Var specs	OK OK
Nit	OK OK	OK OK
Nit	Low Var OK	OK OK
Nit	Specs Specs | op	Very big ferns chip Low Var
Don't Reprint	Low Var Low Var	Ferns Ferns | op
00%	41%	58%

Old Folks at home

1510 Lot 3
Inspected -

	34 Dup -	35 Dup 12	36 Dup
2	OK OK	Specs OK	OK OK
3	Terms OK Label part	OK OK	OK OK
4	Blank Ckd	OK OK	OK OK
5	OK OK	Edge too bad Gration	OK OK
6	OK Corrected bad Edge	OK OK	Low Vert Label part OK
7	Term. Rim OK	OK Corrected Edges	OK OK
8	OK OK	Low V spot OK	OK OK
9	OK OK	OK OK	OK OK
10	OK Corrected Edges	OK OK	Specs OK
11	Small Gum spot OK, Label	OK OK	OK OK
12	OK Corrected Edges	Specs OK	OK OK
	11	OK Corrected Edges 12	OK OK 12
	63%	66%	83%
	Wake up America	Old folks at Home	around the map

37 Dup May 4	1510 Lot 1 38 3 Cones 800 Rubber 1 Hour bake	1510 Lot 1 39 - 800 Rubber 1 hour 6 rubber 3 Cones
OK OK	OK OK	Very low Vari Specs
OK OK	OK OK	"
OK OK	Term Term air during Stick To moved	OK OK
OK OK	Term OK	Specs OK
OK Concl Edge broken	OK OK	Specs OK
Low Var spot OK	OK OK	Low Var OK
OK Concl Edge bkn	OK OK	Specs Specs
Specs Specs	Term Label part OK	Specs OK
Term Specs not op	Big Spot Low V Specs	Specs OK
OK OK	Specs Specs	OK OK
OK OK	OK OK	Specs OK
OK OK	Low Var Spot " "	Specs OK
12	12	Specs
75%	50%	12
Stop, Look, Listen	Around the Map	16%
		Around the Map

All Dupsman
flash Center
Hole
from 40th Dup

Flushed 1510 Lot 1 800 Rubber 1 Hour 40th Dup	1510 Lot 1 - 800 Rubber 1 Hour 3 Coat 41 Dup	1510 Lot 1 800 Rubber 3 Coat 1 hour Caution of Cat 42 Dup
Specs OK	OK Low vent spot	2 OK OK
OK OK	OK OK	3 OK OK
OK OK	Ferno OK	4 OK OK
OK OK	Specs OK	5 OK Could V break edge
OK OK	Ferno Specs	6 OK OK
Specs OK	OK OK	7 OK OK
OK OK	OK OK	8 Ferno OK
OK OK	OK OK	9 OK OK
OK OK	Ferno Ferno Not opp	10 OK OK
OK OK	Specs Specs	11 OK OK
OK OK	OK OK	12 OK OK
OK OK	OK OK	
OK OK		
12	12	11
83%	50%	91%
Lu Lu	Wake up America	Wake up America

Lu Lu Now good flat mounting

We start with 43rd Deep
+ Tag the records as we
can test for wear
of moulds —

1510 Lot 1	1510 Lot 1	1510 Lot 1
43 Deep — Goo Rubber, 3 coat 1 hour	44 Deep — Goo Rubber, 3 Coat	45 Deep — Goo Rubber, 3 Coats 1 hour
OK OK	OK OK	Cancel OK — Edge
OK OK	OK OK	Specs Low Var
Specs OK	OK Cancel — Edge Broken	OK OK
OK OK	Low Var Spot OK	Specs Specs
OK OK	OK OK	Specs OK
OK OK	OK OK	OK OK
Yern at Edge OK	Cancel OK — Broken Edge	Specs OK
OK OK	OK OK	OK OK
OK OK	OK OK	Specs OK
OK OK	Low Varnish Low Varnish	Low Var Specs
OK OK	OK OK	OK OK
OK OK	Yerno OK	OK Cancel — Edge Broken
12	12	12
83%	75%	50
Lulu	Lulu	America

1510 Lot 1 See Rubber 3-1 hour	1510 Lot.	1510 Lot 3 700 Rubber
46th Dup	47th Dup	48th Dup
2 Specs Specs	2 OK OK	OK OK
3 Specs OK	3 Terms OK	OK OK
4 Specs Specs. Glen Edge	4 Terms Terms op	OK OK
5 OK OK	5 OK Cowl Edge broke	OK OK
6 Low Var. Edge OK	6 Very Low Var 2" near hole OK	Cowl OK Edge Broken
7 OK OK	7 Low Var Low OK	Low Var + Specs - Low "
8 Low Var Edge Low Var of Edge	8 OK OK	OK OK
9 Specs Specs op.	9 Terms OK	Cowl OK Edge Broken
10 Terms Terms op	10 OK OK	OK OK
11 OK OK	11 Terms OK	OK OK
12 Specs Specs op	12 Terms OK	OK OK
11	11	12
25%	36%	91%
Stop, Look, Listen	Stop look listen	Around the Map

49 - Lot 3 (11) 700 lbs Rubber	50 - 1510 Lot 3	51 1510 Lot 3
2 [redacted] how Var. Edgechip	OK OK	[redacted] Speco Speco op
3 [redacted] Speco Speco	Cowel OK Veneer pulled off at Edge	[redacted] Speco Speco op
4 [redacted] Speco Speco	OK OK	OK Cowl Edge Broken
5 [redacted] Speco term not op	OK OK	[redacted] Speco OK only 1 1/32 3/16
6 OK OK	OK OK	Cowel OK Edge Broken
7 OK OK	OK OK	Cowel OK Veneer pulls off Edge
8 [redacted] Big low Var spot both side at Edge	OK OK	OK OK
9 OK OK	OK OK	[redacted] Speco Speco op
10 OK OK	OK OK	Cowel OK Veneer comes of Edge
11 OK Cowel Edge Bkn	OK OK	[redacted] Speco Speco not op
12 [redacted] Speco Speco op	OK OK	OK OK
11 Records 11	OK OK 12	Cowel OK broken Edge 12
Stop look listen 45%	100% Wake up America	58% Stop Look Listen

52	53	54
1510 Lot 3 700 Rubles	Press 42 1510 Lot 3	Cecian oil on Label - Press 41
41 press		
X	OK OK	OK OK
X	Ferns Concl - Edges Broken	Specs OK
X	OK OK	OK OK
X	Concl OK Edge Bkn	OK OK
X	OK OK	OK OK
X		OK OK
6 Concl OK Edges.	OK OK	Spec 1 OK
7 OK OK	OK OK	Specs Specs op
8 OK OK	OK OK	OK OK
9 OK OK	OK OK	OK OK
10 OK OK	Ferns Ferns not op	Ferns OK
11 OK OK	Concl OK Broken Edges	Specs OK
12 Concl OK	Ferns OK 12	12
100%	75%	58%
Old folks at home	Wake up America	Lulu

NOTE

✓ NOTE

Hereafter Sesame on Label

E 1055 Had lots stick to moulds before using sesame

3 coats on our old Reg reproduction blank — 87.5% good

But the surfaces were Horrible

Surfaces show mottles but not so much as on Reg transfer & yet surface is far ~~worse~~

Nothing in 4 Coats the Veneer is so little thickened it does no good, 3 Coats is better or at least as good

Press 55 1510- Sesame on Label	56- 1 hour Lot 3 1510 40 presses 4 Coats	57- 4 Coats #41- 1510 Lot 3.
OK OK	OK OK	Speco OK
OK OK	OK OK	OK OK
Lill Ferns OK	OK OK	Fern OK
Speco Speco / not op	Speco OK	OK OK
OK OK	Low V + ferns	Fern OK
OK OK	Low V + ferns	OK OK
OK OK	Speco Speco / op	Speco OK
OK OK	OK OK	OK OK
Fern OK	Council OK Veneer at Edge peeled	OK OK
OK OK	OK OK	OK OK
Fern Fern / op - Edge	OK Coun Edge blen	Speco OK
OK OK	Speco OK	OK OK
OK OK	Council OK Veneer peeled at Edge.	
66%	66%	58%
Labels perfect, Wake up America	Around the Map	Around the Map

Surfaces good but not as good as 1054E (200 lbs in Hoffman funnel press)

4 May 1916 —

1054 E

1519 Hoffman machine

Is best so far for surfaces & quality & 91% Efficient

The only change is Hoffman reducing his pressure from 1000 down to 600 —

This gives more porosity for 1st Coat of Varnish — also blank gives more without squeezing Edges & we get better fills —

1510 Lot 3

58 Dup 3 Coats

pieces 41

OK OK

OK OK

Spots, Stuck mm OK

OK OK

Specks, Stuck M OK

OK OK

OK OK

Spec stuck M OK

OK OK

Tern OK

OK OK

OK OK

/12

66%

Around the Map

1510 Lot 3 - 1510

59 4 Coats

pieces 40 -

- Veneer Edge off OK

Corner OK Edge Broken

Corner OK Veneer Edge pulled off

Corner OK Edge broken

OK OK

Specs OK

Specs OK

Edge broken band OK

OK OK

Corner OK Veneer off Edge

OK OK

Edge band OK

/12

58%

Around the Map

1510 Lot 3 - 3 Coats

60 Dup

Pieces 40

Specs Specs | o.p

Specs OK

Corner OK Veneer at Edge pulled

Specs specs | not o.p

Specs specs | o.p

Specs specs | not o.p

OK OK

OK OK

OK OK

OK OK

Discard Edge band OK

Low Var Spot.

" "

Mean say Low Spot in Model

41%

Blanks Rejected by Inspection
for Poor Varnishing
But Printed for an Experiement
to Glass ~~too~~ u/ was must be
Careful in Varnishing
Repeater

Round 61
62
63
64
65
66
67
68

61 - Repeater Var	62 Rejected Var Blanks press 40	63 Repeated Var Blanks
Blanks - 1510 Lot 3. 3 Coats - 1 hour all one Label -	dup of 61	dup 61 press 40
fine Specs fine Specs	OK OK	Specs Specs | op
fine Specs " "	OK OK	Specs Specs | op
OK OK		Specs Specs | op
Big form area Spec area | op	Specs Specs | opposite	OK OK
Specs big area " | op	Specs - small. OK	Specs OK
Big area Specs " " | op	OK Spot - low mould	OK OK
Big area Specs " " | op	Specs Specs | op	Cornel OK vinnes at Edge off
Big area Specs " " | op	Specs OK	Low Var, at Edge ¼ OK
Big area Specs Large area low Var | op	Terns Terns } not op near edge	Cornel OK vinnes off at Edge
Big area Specs " | op	Low Var Spot Specs	Cornel OK Broken Edge
Big area Specs " " | op	OK OK	OK OK
Big area Specs " " | op	OK OK	Specs ~~for~~ Cornel. broken edge
	OK OK	
8 %	41 %	50 %
Around the Map	Stop Lacker Cision	Around the Map

64 (42) pieces	65 Pieces 42	66 Pieces 40
Rejected Var Blanks	Rejected Var blanks	Rejected Var blanks
Specs OK	Specs OK	OK OK
OK OK	Specs OK	OK OK
Blank Cracked	OK OK	OK OK
OK OK	OK Cond Porcelain Edge	Specs OK
OK OK	Ferns OK	OK Cond veneer off at Edge
Cond OK Edge Bkn	OK OK	Specs Ferns / op
OK OK	Specs OK	OK Cond Cracked Edge
spot Fern / not op	OK OK	OK Cond Cracked Edge
Cond OK Edge Bn	OK Cond veneer pecked Edge	Specs Specs / op
Specs OK	Fern OK	OK OK
OK OK	Fern OK	OK Cond veneer off Edge blank
OK OK	Barespot specs	OK OK
66%	41%	45%
Old folks at Home	Stop, look, listen	Wake up America

Think Mistake here, Moore said only 5 Rounds, of here are 7 marked rejected –

Its suspicious last 3 are good

69	41%	
70	66	
71	100	
72	58	
73	66	
74	66	
75	83	
76	83	
77	58	
78	66	71.9 av
79	33	
80	83	
81	75	67.5 –

this is 1510 1000 Lbs pressure

NOTE

13 Rounds of 1510, old 1000 Lbs on big press with Lot 4 powder | damages 67.5%

1510 Lot 3

67 – Press 41 outer Label Rejected Van Etten

OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
Specs OK

91%

Lu Pu

Repeated Blanks

68 Press 41

OK Cond Edge crushed
OK Cond Edge Crushed
OK OK
Specs OK
Spec OK
Spec OK
Big bare spot OK
OK OK
OK OK
OK OK
Spec OK
Big bare spot

50%

Wake up to American

1510 Lot 4 Press 42 6000 Lbs Huffman

Inspected Blanks

69 –

OK OK
OK OK
Veneer off at Edge Etten OK
OK OK
OK OK
Discard – Edge broken bad OK
OK OK
Cracked Blank
Edge crushed bad
Big bare spot near label OK
Specs Specs | cp
Edge broken Discard OK

41%

Around the Map

70 Dup 1510 Lot 4
3 Cont 1 Now
Press 41
Inspected Var B

OK
OK

Spec
OK

Big farm. label
OK

OK
OK

OK
OK

OK
OK

OK
OK

Spec
OK

OK
OK

Spec 010
OK

OK
OK

OK
OK

66%

Old folks at Home

71 Dup 1510 Lot 4
Press 41 - only one label
Inspected Var 6 Veneer

OK
OK

OK
Cond Crushed Edge

OK
OK

OK
OK

OK
Cond Edge Crushed

OK
OK

OK
OK

OK
OK

Big transport label
Cond
OK

OK
OK

OK
OK

OK
OK

100%

Old folks at Home

72 1510 Lot 4
Press 42
Inspected blanks

OK
Cond Edge broken

OK
OK

OK
Cond veneer at Edge flaked

OK
Cond Edge crushed

Term
OK

OK
OK

Broken Edge
OK

Spec
OK

OK
OK

OK
OK

Spec
OK

Broken Edge
OK

58%

Around the Map

Underneath the Stamp
4490 C 53

Round the Map
4491 C 57
are taken off - low spot

Wake up America
4620-C-40

Millerlin Band
4497-C-39
also Taken off Loco spots

73 Dup 1510 lot 4 Press 40 Inspected blanks	74 Dup 1510 lot 4 Press 41 Inspected Vor	75 Dup 1510 lot 4 Inspected Vor Press 41
Specs OK	OK OK	Specs Specs Top - Edge
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
		OK OK
Broken Edge OK	Edge broken OK	Specs 020 OK
OK OK	OK OK	OK OK
Broken V Edge OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK Corner veneer flaked off	OK OK	OK OK
OK Corner Crushed Edge	Specs OK	OK OK
Specs 010 OK	Specs OK	OK OK
OK OK	OK OK Worned upward	OK OK
OK OK	Crushed Edge OK	OK OK
		OK OK
66%	66%	83%
Wake up America	Old Folks Home	Around Map

76 Dup 1510 Lot 4 Inspected Vat Press 40	77 Dup 1510 Lot 4 Press 40 Inspected Vat	78 D Lot 4 1510 press 40 Inspected
OK OK	OK OK	OK Cond Edge broken
Label pull out	OK OK	OK OK
"		OK Cond Edge broken
Veneer flaked Edge	Specs OK	OK OK
OK	Specs OK	OK OK
OK OK	OK Cond Edge broken	Specs OK
OK OK	Term OK	Specs OK
OK OK	Specs OK	Big Spot near label OK
OK OK	OK OK	OK Discard Edge broken
OK OK	Term OK	OK OK
OK OK	OK Cond Veneer flaked	OK OK
OK OK	OK OK	OK Cond Edge broken
OK OK	OK OK	
OK Cond Edge broken		
83%	58%	66%
Wake up America	Stop Look, Listen,	Around the Map

1510 Lot #	1510 Lot 4	1510 Lot 4
79 Press 42 over total Inspected Var	80 Press 42 Inspected Var	81 press 41 Inspected Var 100 lbs on big press
Spec OK	OK OK	OK OK
Specs OK	OK OK	OK OK
Specs Veneer flaked	OK Coml Veneer flaked	OK OK
Specs OK	Specs OK	OK OK
Specs OK	OK OK	Spec OK
OK Coml Crushed Edge	OK OK	OK OK
Specs Specs op	OK Coml Crush Edge	Specs OK
Specs OK	OK OK	OK OK
Specs Specs not op	OK OK	OK OK
OK OK	OK OK	OK OK
OK Coml Edge bkn	OK OK	OK OK
OK OK	Specs Specs not op	Spec OK
33%	OK OK 83%	75%
Stop Look Listen	Wake up America	Old Folk Home

NOTE

1510 Lot 4

Lo Reg 1510 – pressed at
1000 lbs & 700 Rubber

This is up to

81 Dup –

82 Dup is 1519 –

which is 1510 pressed in big
press with 600 lbs
pressure instead of
1000 – lot 1 – is number
of the powder lot.

1519 Lot 1	1519 Lot 1	1519 Lot 1
82 – Press 40	83 ~~Dup~~	84 ~~Dup~~ –
OK Cowl Edge Bk		
OK OK		
OK OK		
OK OK		
Pullouts OK		
OK OK		
OK OK		
Specs 2 places OK		
OK OK		
Specs OK		
OK Cowl venus flk		
OK OK		
75%		
Stop Look Listen		

1056 E Press 41 1519 Lot 1 Blank

3 Coats, 1 hour bake
oil gen'l label

Press 41 1st Round	2nd Round Press 41	3rd Round Press 41
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK mould [illegible] [illegible] chipped	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK Cond 1/16 edge vencer off	OK OK
OK OK	OK OK	OK Cond 1/16 of edge off 1/2"
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
Cond OK 1/8 edge off	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
100%	100%	100%
Wake up America	Wake up America	Wake up America

1056 E 1519 Hoffman Bug press 600 lbs pound press

Print 3 lots of 1519 Lot 1 blanks altering the schedule only for these 3 Rounds (some extra rounds of 1056 E being made)

Schedule — Bring to contact needle off pin. When temp reaches 200 deg fahr put the pressure to 850 for 12 minutes Cool down Cool — NOTE ↙

200° apparently reduces the Edge breaks down from 1.7 per round to 1 per round & very small —

Also - possibly Cooks out varnish & air more so specs diminish — it certainly prevents varnish Cooking out so much on Edges.

1056 E Continued

4th Round	Press 42 Press 40 5th Round	Press 40. 1519 Coat. 2
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	specs + low V spot OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK Scratch Mark	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK 100%	91%	91%
Around the Map	Stop look & listen	Old folks at home

Standard Schedule for 1519 Blank 3 coats Varnish, baked 1 hour after each coat.

Bring to Contact, needle off pin, When the temperature reaches 200° Fahr. put on 850 lbs pressure and hold for 12 mins Cool down cold

May 5th 1916

1056E	1056E	1056
Press 41	Press 41	Press 42
1519 Lot 2	1519 Standards 5th Run	1519 Lot 1
OK OK	OK OK	OK OK
OK OK	OK OK	OK — Oil wiped over music
OK OK	OK OK	OK OK
Comm OK Edge 1/16 x 1/8	OK Comm 1/8 – 1/4 long	OK OK
OK OK	OK OK	OK OK
OK OK	OK Comm Veneer flaked	OK OK
OK OK	OK Specs. Sample Moyle and	OK OK Oil film near latch
OK OK	OK OK oil spot near label	OK Comm veneer flaked
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK		OK OK
100%	91%	100%
Wake up America	Old Folks at Home	Wake up America

We have 34 Transfer Presses and 42 Printing presses.

Note 94th Round 200° Fahr instead 180°
Seems to stop specs + the high % is more
due to 200° Schedule than to 1519
blank - although 1519 improves
surfaces + lessens Edge breaks in size

NOTE

Two things have brot about
high %

600 lbs instead of 1000 lbs on blank
presses
+ Contact until 200° Fahr, is
reached before putting on final
850 lbs instead of 180°

Since above 2 changes
average per cent of OK prints ups
to 94th round from 83° is

96.25%-

92 Round 1519 Lot 1 Press 42 - Standard S may 5	93 - 1519 Lot 1 Press 41 - Stand S - may 5	1510 - Spec - Std S. 200 - 94th Round
OK OK	OK OK	Bind OK
OK OK	OK OK	Com OK — Bad Edge
Com OK — Veneer flaked	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
Com OK — Edge 3/16	OK OK	OK OK
OK OK	OK OK	OK OK
Spec Oil. — not op	OK OK	OK OK
OK OK	OK OK	OK OK
91%	100%	91%
Old folks at Home	Around the Map	Around the Map -

Note test 1510 Blank
Old 180° Schedule

NOTE

A blank cannot be brought up to proper softening point in less time after contact and steam put on, than the time it requires to reach 200° Fahr otherwise broken edges will be numerous

With Varnished blank this Extra time & Temp. cooks out more Alcohol + air giving better prints no matter what blank is used.

95th Round
1519 - 1019 Var
41 press 3 coats 1 Hour
Stand Sch May 5

OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK

100%

Around the Map

1510 on old Schedule

Press 40 — 96 Round

OK Com — Cracked Edge
Low Var Spot
Low Var "
Specs OK
Veneer - Edge Crushed
Veneer Flaked Edge Crushed
Specs OK
OK OK
Com OK — Edge bken
OK pullout
OK OK
Specs OK
OK Com — Edge bken

41%

Stop, Look, Listen

180° — press 42 — 97 Round

Com OK — Crushed Edges
Spec OK
Specs Specs | ok
OK OK
Specs Specs | ok
Terms OK
OK OK
veneer flaked OK
OK OK
OK OK
OK OK
Com OK — Edge Broken

58%

Old Folks Home

98 Round Press 40

1510 - 180° sch

OK OK

Specs OK

OK Broken Edge

Broken Edge OK

Cornell - Edge bkn OK

Fern OK

OK OK

Fern OK

OK OK

oil or low Var OK

OK OK

OK OK

50%

Old Folks at Home

1519 - Lot 2

press 42 Sld. sch - 200° Mary 5

99 Round

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK spec due to Oil

OK OK

OK OK

Specs Specs Oil -

OK OK

OK OK

OK OK

100%

Stop Look, Listen

Press 41

Reprint 1057

Ferns pulls off first Coat
Ferns

Pulls off ferns
pulls off "

OK
OK

Pulls off Specs
OK

OK
OK

Specs
Specs } pulled off

OK
OK

Ferns
Ferns } not op pulled off 1st Coat

Ferns pulled off 1st Coat
OK

OK
OK Edge a little

OK
OK

Ferns - pulls off 1st Layer
OK

Either pull off or its low trapped as you can see 1st layer

The ferns are Cracked all along Edge except a little + the unprinted part turned up as if powerful gas pressure

41%

Around the Map

1057 E Reprint

Take 24 of the 1519 (100% Prints)

Put 3 Coats Var 1019 E on

baking 1 hour after each coat

Reprint Standard Schedule
200° D29

Press 40 1057

Low var
OK

OK
OK

Low Var
OK

OK
OK

OK
OK

Spec
OK

Specs
Specs } op

Specs
OK

OK
OK

Specs
OK

Ferns
OK

41%

Around the Map

This experiment shows 200° Temp Standard Schedule prevents almost wholly broken Edges

But the 1519 blank with 400 less lbs pressure in Hoffmans Press makes most of the good yields.

100 Round 1510 on Press 41	101 Rnd 3 Standard Sch Press 42	102 Round 200° Fahr Press 41
OK OK	OK OK	Specs OK
Specs Specs op	OK OK oil bad	OK OK
OK OK	Low Var OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
Stuck Specs OK	OK OK	Com OK 1/16 Edge broken
Specs Specs op	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	Specs Specs op	OK OK
Spec OK	Terms OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	Specs OK
66%	75%	83%
Around the Map	Old Folks at Home	Around the Map

103	104	105
Round oil label		
1519 blank	1519 - Std Sch	1519 - Std Sch
Standard Sch Mag b	Press 41	42 press
Press 42		
OK OK	Specs Oil OK	Veneer OK
pull out OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
Com OK Veneer	OK OK	OK OK
OK OK	OK OK	Com OK Veneer
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
Spec OK	OK OK	OK OK
OK OK	OK OK	Low Vard Spot Dis. + Veneer Dis OK
OK OK	OK OK	OK OK
83%	91%	83%
Wake up America	Old Folk Home	Around Map

Show 107 to Moore
Ocl on Minors -

106 Lot 1	107 Lot 1	108 Lot 1
1519 - 5 Ind Sch	1519 5 Ind Sch May 6	1519 5 Ind Sch May 5 -
Press 41 -	Press 42	Press 41
OK OK	OK OK	OK OK
Low Var OK	OK OK - Ocl Spot 6/9	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
Low Var OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
	11	
83%	100%	100%
Around Maps	Stop, Look, Listen	Wake up America

to here

1519 200° Std Sch — average
21 Rounds

95%

109 Lot 1
1519 Std Sch many's
Press 42

OK
OK
OK
OK
OK
Com OK — 1/16 x 1/4 Edge 13
OK
OK
OK
OK
OK
OK
OK
OK
OK
Com OK — Edge OK 1 1/2 Long

100% around map

110
1519 Std Sch many's
Press 41

Com OK — Veneer
OK
OK
Com OK — 1/16" C Edge
OK
OK
OK
OK
OK
OK
OK
OK
Com OK — 1/16 x 1/4 Edge Oken
OK

100% around the Map

111 Lot 1
1519 Std Sch many's
Press 40

Discard - Veneer OK
OK
Com OK — Edge V
Com OK — veneer
OK
OK
OK
Com OK — veneer
Discard Edge Oken OK
OK
OK
Com OK — veneer

83%

Old Folks at Home

This shows we dont want thin Var at Edges –

Perhaps wants thicker in about 1/4 or 1/8 inch –

Lot 4 Old Schedule 180

112 Special Test 1510

Thin Var at Edge

112	113	114
112 Round 41 Pieces	113 Round 40 pieces	114 Round Pieces 41
OK OK	Veneer flaked off OK	OK OK
OK OK	OK OK	pull out specs OK
OK OK	Com OK Veneer	OK OK
Stuck specs in music OK	Com OK Edge	OK OK
OK OK	OK OK	OK OK
OK OK	Veneer flaked OK	OK OK
OK OK	Com OK Veneer	OK OK
OK OK	Com OK Edge Grake	OK OK
OK OK	Com OK veneer off	OK OK
OK OK	Spec stuck mouth OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	Com OK V Edge
91%	75%	91%
Wake up Area	Old Folk Home	Stop Look, Listen

1058E 1520 Blank Round 2 press 42
5/8/16 - 1019 Veneer

500 lbs pressure in final press
instead of 600 Req 1519 Blank

OK OK
OK OK
Space in music 050
OK
OK OK
OK OK
OK OK

OK OK
OK OK
OK OK
OK OK
poor print
OK
poor print

On for time test.

Lbs on mould
Veneer spaces
check

Really
91%
75%

around 1st to 6th line at start of music bad
this is new. It may all be due to oil

2nd Round of above

OK OK
OK OK
OK OK
OK OK

OK OK
Discard Veneer
OK
OK OK
OK OK
OK OK
OK OK

bad print at front
start of music
OK -
Something
OK

Really 91%
75%

Blank 1521 400 lbs 1st Round 83%
2 " 75%

1058E 24 { Corner of Space 1 side II
OK ||||/||||/||||/||||
Imprint at start music |||

Hoffman Margins + Veneer ok on all 48
But Edges press out very much
round but ok

Make 48 1519 Blanks
Using 500 lbs pressure on
Big final press Hoffm # 1520

Also - Make 48 1519 Blanks
400 lbs pressure on big
final press Hoffm # 1521

4 Rounds of each to GE ~~[illegible]~~
Printed Standard Schedule
200° 3 Coats 1 hour bake
at 130° after Each Coat.

Joseph Jordisic Old Finish Room
Used on Mine - The low pressure must be
Cause of poor prints at edge on all
600 lbs of Req standard gah is probably
best

Test for surfaces	1058	Old Req	New Req 1519 31/5 each + 600 lbs
Poor pass	0	2	1
Just pass	4	3	
good	0	5	4
V	1	5	8
VV			

This is best
1058 worst.

1059 E

Special Expt. Edging .020 off blank

1510 Blanks 180° Fahr old schedule

115	Press 42a 116	40 press 117	Press 42a 118
OK OK	OK OK	Discard Edge OK	Low Var Edge OK
Com OK Veneer	Speco OK	Spot Edge bkn	Low Var OK
OK OK	OK OK	Com OK Edge bkn	Com OK Veneer
OK Veneer	Com OK Edge bkn	Low Var OK	OK OK
Com OK Edge Bkn	Com OK Edge "	Discard Edge OK	Discard - Edge OK
OK OK	Speco OK	Com OK Edge bkn	OK OK
Com OK Edge b	OK OK	Com OK Veneer	Low Var OK
OK OK	Com OK Veneer	OK OK	Low Var Edge discard
OK OK	OK OK	Discard Veneer OK	Com OK Edge bkn
Com OK Veneer	Com OK Edge bkn	OK OK	Discard Veneer OK
Com OK Edge V	Com OK Edge "	Discard Veneer OK	pull out OK
OK OK	Com OK Edge "	OK OK	OK OK
91%	83%	50%	41%
Around Map	Stop feeds, listen	Around the Map	

119 Lot 1 1519 Slid Sch pieces 41 -	120 Lot 1 1519 - Slid Sch pieces 40.	121 1519 Lot 1 Slid Sch May 5 42 pieces
OK OK	OK OK	Discard - Veneer OK
OK OK	OK OK	Discard, Edge OK
OK OK	OK OK	OK OK
OK OK	Com OK v v v Edge	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	Low Var OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
Com OK v Edge	Com OK Edge, small	Discard - Veneer OK
OK OK	Com OK Edge small	OK OK
OK OK	OK OK	Com OK v edge
11	OK OK	OK OK
100%	100%	66%
Around the Map	Wake up America	Stop Look, Listen
	1	7

122 1519 - Lot 1	123 1519 Lot 1	124 1519
Stind Sch - Press 42	Stind Sch Press	Stind Sch 200 Tang Press 41
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	Zern OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
Con OK Edge	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
100%	100%	91%
Wake up America	Wake up America	Around The Map

125 1519 Stnd Sc

Press 40

OK OK

OK OK

Com OK Edge

Com OK Edge

OK OK

Com OK Veneer

Discard Edge OK

OK OK

OK OK

OK OK

Com OK - Edge

OK OK

91%

Around the Map

126 1519 Stnd Sc

Press 40

OK OK

OK OK

OK OK

Com OK Edge + Veneer

OK OK

Discard - Veneer OK

OK OK

OK OK

Com OK Edge

OK OK

OK OK

OK OK

91%

Old folks at Home

127 1519 Lot 2 Stnd Sc

Press 41

OK OK ✓

OK OK ✓

OK OK ✓

Spaces OK ✓

OK OK ✓

OK OK ✓

Com OK Veneer ✓

OK OK ✓

Poor print OK ✓

Com OK Crushed Edge Guy

OK OK

OK OK

83

Around the Map

128 1519 Stds Press 42	129 Lot 2 1519 Stds Press 40	130 Lot 2 1519 Stds Press 40
Pullout .020 OK	OK OK	Com OK venser
OK OK	Discard Edge OK	OK OK
OK OK	OK OK	OK OK
Com OK Edge 1/16	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	Specs OK
OK OK	Jerro Specs } heat cap	Discard Edge OK
OK OK	Specs Specs } cap	OK OK
OK OK	Com OK Edges	Com OK Edges
OK OK	OK OK	OK OK
OK OK	Com OK venear	OK OK
OK OK	OK OK	Discard Edge OK
91%	75%	75%
Around the Map	Stop Look, Listen	Wake up America

131 1519 lot 2 Std S	132 1519 lot 2 Std S	133 1519 lot 2 Std Sel
press 40	press 41	Press 41
Space Spacer } not cap	no prints	OK OK
Com OK Edge tap		OK OK
Com OK Edge big		OK OK
Lowi Van-Carlson OK		OK OK
OK OK		OK OK
OK OK	OK OK	Com OK - Edge 3/16 long
DISCARD Edge OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	Com OK Edge 1/8	OK OK
Com OK Veneer	OK OK	OK OK
Com OK Edge 1/8	OK OK	OK OK
OK OK	OK OK	OK OK
75%	100%	100%
Weaver Map	Wake up America	Wake up America

134 Lot 2 1519 SS	135 Lot 2 1519 Std S	136 Lot 2 1519 Std S
Press 40	Press 40	Press 42
OK OK	OK OK	OK OK
OK OK	Com OK veneer	OK OK
OK OK	OK OK	Com OK Edge 1/8 - 6" Long
OK OK	DISCARD ok 'Big Pullout Label'	OK OK
Com OK Veneer, V	pullout 030 OK	OK OK
OK OK	OK OK	OK OK
Veneer - Band OK	OK OK	Com OK veneer
OK OK	OK OK	OK OK
OK OK	OK OK	Com OK Edge V V
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
Com OK veneer	OK OK	Com OK veneer
DISCARD Edge ok		
83%	83	100%
Old folk at Home	Stop, look & listen	Old folks at Home

Always Alan Lockard

March 8th 1916

30 Known runs for no of
"Wake up America"

Shows surfaces deteriorated
only a little -
There are many dups in this
lot. Some are VV others V
nearly V + one loud - This
looks as if moulds originally
differed in surface

Rough
good —— 1
nearly V — 卌 卌 ||
V 卌 ||||
VV ||

Should be better.

137 1519 lot 1 Std Sc	138 1519 lot 1 Std Sch	139 1519 lot Std Sch
press 40	press 42	press
OK OK	No prints	
OK OK	OK OK	
OK OK	OK OK	
Com OK remarks V	OK OK	
OK OK	OK OK	
Com OK remarks V	Specks OK	
OK OK	OK OK	
OK OK	OK OK	
OK OK	OK OK	
OK OK	OK OK	
OK OK	OK OK	
OK OK	OK OK	
OK OK	OK OK	
100%	88.8%	
Wake up America	Old Folks at Home	

140 Round Load of Bran new Moulds alleged

Marked Load # 2 1919 Lot 2 Slnd 5c

Press 41

OK OK
OK OK
OK OK
OK OK
Com OK Edge ✓
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK

100

Surfaces not passed —
Surfaces not good just pass ||||||||
Surfaces fairly good ||||
" Very good ||||
" Very Very good —

Rim Dents in Moulds
or lot 2 poor
Coarser —

Have Put on time tests
May 8th 1916

Here Comes Tobie

Note new Load Moulds
#3

May 8 1916

141 Set

To loud to pass	I
Unsatisfactory just pass	IIII
fairly good	IIII IIII
Very good	IIII II

Tracked blank V but has a #5 ROut

All in this book
3 babies 3 cools

141 1519 Lot 3 Std Sch	142 1519 Std Sch Lot 3	143. 1519 Lot 2 Std Sch
press 40 New Load Moulds No 3	Press 4 Load 2	Press 42 Load # 2
Zero 005	OK	OK
OK	OK	OK
OK	Discard Veneer OK	OK
OK	Discard V Edge OK	OK
OK	OK	OK
OK	Com OK veneer	OK
OK	OK	Pull out 020 veneer
Com OK veneer	Discard Veneer OK	OK
OK	Discard Veneer Edge	OK
OK	Com OK veneer	OK
OK	pull out 032 X 1/8 OK	OK
OK	OK	Com OK veneer
91 2/3 %	58 %	91 %
Wild Irish Rose	Tootsie	Tootsie

144 – 1519 Lot 2 Std Sch Press 42 Load 3	145 1519 Lot 4 Std Sch Press 41 Load 3 ↓ 300 Rubber	146 1519 Lot 4 Std Sch Load 2 Press 42 ↓ 300 Rubber
OK OK	OK OK	OK OK
fern near edge OK	OK OK	Com OK veneer
fern near qin OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	Com OK 2 edge V small	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
fern 2 edge veneer OK	OK OK	OK OK
OK OK	OK OK	fern at 2 edge of veneer OK
OK OK	OK OK	Com OK 2 edge crushed
75%	100%	91%
Wild Irish Rose	Wild Irish Rose	Tootsie

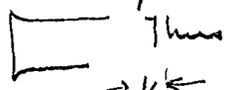
X= Low mould taken off to #9

147- 1519 Lot 4 Std Sch	148 1519 Lot 4 Std Sch	149 1519 Lot 4 Std Sc
Press 42 Load 3 Rubber 300	Load 3 Press 40 Rubber 300	Press 41 Load 2 Rubber 300
OK	OK	Com OK Edge ✓
OK	Form 1/16 — music OK	OK
Com OK Edge ✓	Com OK Edge ✓ small	Spec 020 X 1/8 OK
Com OK Veneer chip thumbblank crushed some	OK	Specs OK
Com OK Edge ✓	Com OK Veneer 1/4 warped yes	OK
OK	Specs OK	OK
OK	OK	OK
OK — X	Low Vers Label-big OK	OK
OK	OK	OK
OK	OK	Specs OK Oil on music
OK	Com OK ✓ Edge	OK
Spec OK	11	OK
OK		
91%	73%	83%
Wild Irish Rose	Wild Irish Rose	Tootsie

150 1519 Lot Std Sc Lot #3 Press 41 3mm Rubber	151-1519 Lot 4 Std Sc Lot 2 Press 40 3mm Rubber	152-1519-Lot Std Sc Lot 2 Press 41
OK OK	OK OK injured mouldings	OK OK Moulding was oiled by Mrs allowed
OK OK	Com OK Veneer	OK OK
OK OK	Com OK Veneer V	Com OK Veneer 3/16
Com OK Edge 1/16 x 1/2	OK OK	Specs-Specs 2 places OK
OK OK	OK OK	Com OK Edge V
OK OK	OK OK	OK OK
OK OK	OK OK	Com OK veneer 1/8
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK bad oil defect	Specs OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
11		
100%	100%	83%
Wild Irish Rose	Tootsie	Tootsie

NOTE

On May 1 put in one of the new painted Veneer records made on that day Edged & varnished on Edge — Put it in Water after soak 1 day the Edge swelled up about 1/32



at End 8 days it has swelled thus

The surfaces tested on machine were OK —

I note that the Center hole swelled — The 3 Pits puffed up showing there must have been crack in Var at hole the draw of Var being too much

Also on 1 side several small swells in Music probably on microscopic hole where water got thru

Shellac Dont water proof good Enough

153-1519 lot Std Sch Load 2 Press 42	154-1519-lot 4 Std Sc Load 2 Press 41	155-1519 lot Std Sch Load press
Com OK Veneer	OK OK	NOTE Oil is going to be a bad thing in this process — must get solvent for Sesame so can clean machines free from it each round.
Com OK veneer	Spots Specs op.	
Com OK Edge ✓	OK OK	
OK OK	OK OK	
OK OK	Com OK Oil.	
	Discard Veneer OK	
OK OK probably oil.	poor print skirt music like 1058 E	
OK OK	Com OK Oil on Track	
Specs OK	poor print skirt music like 1058 Veneer - discard	
OK OK	Specs Specs op pally oil	
Low Var 1/4 x 3/4 OK	Com OK Edges ✓	
OK OK	OK OK	
OK OK	p print at Edges Edges	
	p print wrong due to Mould should be 66%	
83%	58%	
Toolsie	probably oil got on, or Var bad with oil — Toolsie	

1059E

Duplicate Rq 1519.

But change standard Schedule by holding it at 850 lbs for 8 minutes.

1060 E

Dup Req 1519 E 156

But change standard Schedule by holding it at 850 lbs for 6 minutes

OK OK

Label pulled out
OK

OK OK

Long steam space
OK

OK OK

Specs looks like oil
OK

Ferro
OK

OK OK

Discard Edges
Otherwise OK

OK OK

OK OK

OK OK

58%

Looks as if 6 min not enough to Condense properly

156 1519 Lot Std Sch	157 1519 Lot Std Sch	158 1519 Lot Std Sch.
Load 3	Load	Load 3
Press 42	Press	Press 41
OK OK	Com OK veneer 1/16	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK "	OK OK
Com OK Edge ✓	OK OK	Term - small of music OK
OK OK	Specs Specs	OK OK
Com OK Edge ✓	OK OK	OK OK
Spec 040 OK	Specs OK	OK OK
OK OK	Com OK veneer	Spot in music book Old OK
Com OK Veneer	OK OK	OK OK
DISCARD Edge OK	OK OK	OK OK
OK OK	Com OK Edge	OK OK
OK OK	Specs OK	OK OK
83%	75%	83%
Wild Brush Rose	Tootsie	Brush Rose

1061 E Lead 3 Press 42

1st Round 159

Tern OK

OK OK

Specs OK

OK OK

OK OK

OK OK

OK OK

Discard Edge OK

OK OK

OK OK

OK OK

OK OK

75%

Trish Rose

Press 41

Round 2 160

OK OK

OK OK

OK OK

OK OK

Specs Specs

OK OK

OK OK

a circle may be moved OK

OK OK

OK OK

OK OK

OK OK

OK OK

op Cracked just like 1063 that has good surfaces probably 2 hours went Perfectly well not draw

Surfaces not quite so good as 1063 wants 2 hours between Each Coat

83%

Tootsie

1061 E

Dup regular 1519

But last coat of Varnish is to be baked Two hours

Make 4 Rounds of this -

3rd Round Press 42 161

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

Com OK Edge

100%

Trish Rose

2 Hours bake good percent + improves surface

4th Round Press 41 162

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

OK OK

Com OK Edge

NOTE

good Edges

Tootsie

Round 1	Round 2	Round 3	Round 4
Load 2	Load 3	Load 2	Load 3
Press #1	Press 42	Press 41	42 presses
163	164	164	164
OK OK	Discard-Veneer OK	OK OK	OK OK
5 1 pp at slant 5 OK	OK OK	Specs OK	OK OK
OK OK	pp print 5 1 edge OK	OK OK	OK OK
OK OK	OK OK	OK OK	OK OK
OK OK	OK OK	OK OK	Com OK Edge 3/16
OK OK	OK OK	OK OK	OK OK
OK OK	OK OK	OK OK	OK OK
Com OK veneer 1/16	OK OK	OK OK	Com OK veneer 1/16
OK OK	Com OK veneer 1/16	OK OK	OK OK
OK OK	Com OK Edge ✓	OK OK	OK OK
OK OK	Com OK Edge ✓	Com OK veneer 1/16	Com OK Edge ✓
OK OK	OK OK	OK OK	OK OK
		OK OK	
91% pitty 100%	83 probably 91	91	100%
	91 of veneer left out		
Tootsie	Wild Brush Rose	Tootsie	Wild Brush Rose

1062 E

Dup req 1519

But alter standard schedule so that when 180° Fahr is reached put on 850 lbs for 12 min -

Make 4 Rounds of this

Surfaces not quite as good as 200 Fahr but the rounds may be worse -

Yield as high if not higher % than 200°

Here is a rough test for surfaces

	200° Deg	180° Deg	Reg
Dont pass	1	2	2
Just pass	—	1	3
good	4	3	5
V	8	5	5
VV	—	1	—
	13	12	15

As I remarked before 200 deg moulds may have better surfaces —

Tracked blanks on 200 + 180 act about same only V + 2 have run outs in moulds —

I think if they were new moulds they might show VV

Surfaces can only be improved by making smoother moulds + especially finer powder The latter most important,
Or Drop 1 fibre + substitute 1 chalk making it 4 fibre 3 chalk + asepflam
Sac by Experiment probably 3/4 or 1 —

May 8 1916 —

So far Standard Sch + 600 pressure 1519 blank has better surfaces than our old Reg

But when 1519 is pressed only at 400 lbs The surfaces are not so good as old reg — There seems RO — Blank pressed out at Edge may be the reason

See 1058 for record —

Also There is little deference between 180° + 200° with 1519 + Old Sch Either in surfaces or % of good, but think 200° of the Standard Schedule is best Note high % good of 180° 1062 E
200° saves edge possibly

Upto here Press 41 averaged 86.4%
42 83%
40 77.3%

Note the phenomenon of large area spots

1063

1st Round — Press 42 — 167

Specs - 2 OK

OK OK

Com veneer 1/16 OK

OK OK

Form OK

Specs - many large area OK

OK OK

Veneer 1/8 Spot 1/16 x 1/4 out at edge marks

OK OK

OK OK

OK OK

Discard - Edge OK

58%

Wild Irish Rose

2nd Round — Press 41 — 168

OK OK

Discard - Edge OK

Poor print specs large area OK

OK OK

poor print specs large area OK

poor print specs " " OK

OK OK

OK OK

Com veneer 1/16 OK — Note

OK OK — Note

Specs over large area " " 1"

Com veneer OK

58%

Toolace

1063 E **PHENOMENON**

← Best surfaces yet

Dup reg 1519 — May 8 1916

Why

Standard Schedule Except

When temp reaches 225° Fahr put on 850 lbs pressure for 12 minutes

Print 2 Rounds with same set of moulds.

See further along — 1067 - baked 140° Better than 1063 Surfaces or I think - Varnish Both Cases probably must Rubber

This high temp makes best surfaces yet only reason I can give is that Varn goes Rubbery before high pressure comes on

OVER →

All wrong - defects due to sticking to moulds

Under micro & find bridge wall cracked also in places groove cracked

The Explanation is that the Var at 225° get hardened & its not then extensible to any great extra & on the draw which the decore makes it wont stand it & cracks

Reverse same thing in blank baked 2 hours after 3rd coat,

Possibly condensed in contact in 1063 & Var next blank not rubbery, hence thin film of rubbery dont permit it to draw as the unhardened Var acts hydraulically to crack the thin condensed film

Repeat way in Tests
2 hours after each
Coat of Conductive Black
140° dry

1064 E

REPRINT

12 Records ground off by steel wool & & chunk pumice using water — by Luhr's up Claims Foreman

Print Reg 1519 standard schedule

Var 3 times, bake 1 hour after Each = Exput NG

Specs at most OK	1 Spec 030 X 1/4" OK	169
Specs big area OK	Big Spot specs	No porosity or its wolen in Blank should have been dried
Specs Specs / op big area	Specs big OK	
Specs big OK	Big Spots OK	
Specs big OK	Specs OK	
Specs Specs / op		
Big Spot specs		

Later = only record scraped off veneer side on - not scraped to blank

Reprint

Possibly should have been dried = Dry the next lot,

1522 – E 1065

1065 Press 42 — 1st Round — Retrammed May 24-16 — X means OK

OK OK X
OK OK X
Com OK X — Edge 1/16 V
OK OK X
OK OK X
OK OK X
OK OK X
Com OK X — Veneer 1/16 V
OK OK X
OK OK X
OK OK

Surface 5-24-16 seems about same

Spec 1 005 OK

91 %

Tootsie

Press 42 — our varnishing

Edge Drop 5 ft

#1 – 2 3 4 5 6 7 8 9 10 11 12 — Noues Will not break this way

OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK

Low Var spot 1/4 OK — Low mould

Spec 010 Edge OK

83 %

Tootsie

Very fine surface — Test –

Discard	0
Just pass	0
good	1
Fine	5
Very good	10
Very Very good	4

Req Schedule + Bake –

These surfaces are about as good as the Mould Surfaces are, I believe all we want,

Drop test on my desk. Roller Drops

#1	13 drops
2	7
3	20
4	13
5	13
6	8
7	1
8	10
9	13
10	5
11	12
12	10

Limit 5 ft drop

5-10-16

1065 E

NOTE

Hoffman

Edges Bulge very little
Buffed them, no harm
surface even better —
Edged them, very good, scarcely
any spongy spots — no break out

Make one batch of powder
4 of fibre 3 of Chalk and
1 of Lac — I want to try
75 to 100 blanks
100 Lacquer pieces
600 lbs final
only mould 24 blanks
save the balance of the
powder — Think 3/4 Lac can
be used if they
stand drop
test,
but this don't
matter about
the Extra
18% Cost

Cost 18% more. Lac at 20 cents

BANNER

~~Good Enough~~
+ Satisfactory

1066 Press 42 1st Round 170	Press 41 2nd Round 171	Press 42 3rd Round 172	Press 41 – Round 4 173
OK	Blank Cracked	Discard Veneer OK	OK
OK	OK	OK	OK
Specs Specs op oso oso	OK	OK	Specs OK
OK	OK	OK	Edges ½ Oil Spot — Note
Discard OK Veneer	OK	OK	OK
OK	OK	Corn OK Edge + Te	Specs Specs / rest of
OK	OK	OK	Specs — Oil clearly OK
OK	OK	OK	OK
Corn OK Veneer	Corn OK Veneer V	OK	OK
OK	OK	Low Veneer Spot OK	Specs OK
OK	OK	OK	OK
OK	OK	OK	OK
OK	OK	OK	Dirt Specs / ...
83% Irish Rose	91% Tootsie	83% Irish Rose	50% Tootsie

NOTE

Too Much Oil –

Oil May be too dangerous with very dry oil rag used

X look at mould

1066 E

Moore –

Oil one of our roundsof moulds at Edges with minimum of Sesame – at same time use reg Sesame on Varnished blank as now – & print regular 1519 & send down to see percentage as Compared to the other

Use Other [illegible] 3 or 2

make 4 Rounds

X

Also, Oil Edges + reg label – of Varnished blanks + not like Mould

make 4 rounds –

See 2 pages ahead for X.

1063 Duplicated

Press 41 174

OK OK — Large Spot in mould - Taken off

OK OK

OK OK

Specs OK

Specs OK

Specs OK

} in Music

OK OK

OK OK

OK OK

OK OK

OK OK

Specs OK — in Music

66%

Tootsie.

Press 40 - 175

OK OK

OK OK

Specs OK

OK OK

Specs OK

Com OK — Veneer 1/8

OK OK

OK OK

OK OK

Com OK — Veneer 1/16

OK OK

OK OK

83%

Fresh Rose

1063 Duplicated again 4 times

Press 41 3rd round 176

OK OK

OK OK

OK OK

Com OK — Edge 1/16

Specs Specs | o/p

Specs Specs | o/p

Specs Specs | o/p

OK OK

OK OK

Specs Specs | o/p

Specs OK

OK OK

58%

Tootsie

4th round press 42 177

Spec 020 OK

Spec 030 OK

OK OK

OK OK

OK OK

Doubtful big spot bare in Label OK — May be mould

OK OK

OK OK

OK OK

OK OK

OK OK

Doubtful big spot spot bare in Label OK — same place as #6 -

66%

Fresh Rose

Press 40 1066 | Press 42 Continued from 2 pages back

1st Round 1519 Lot 4 178	2nd Round 1519 Lot 4 Edges rather clean 179	3 Round Press 42 1519 Lot 4 180	4th Round Press 42 1519 Lot 4 181
OK OK	OK OK	Spec Spec Oil	Discard, Edge + Veneer OK
OK OK	OK OK	OK OK	OK OK
OK OK	OK OK	Com OK Edge V	DISCARD Veneer " "
OK OK	OK OK	Com OK Loose Veneer Label	OK OK
OK OK	Com OK Veneer 1/16	OK OK	Com OK Veneer 1/8
OK OK	OK OK	OK OK	OK OK
OK OK	OK OK LEAD	OK OK	OK OK
OK OK	OK OK	OK OK	OK OK
OK OK	OK OK	Com OK Veneer Edge V	OK OK
OK OK	OK OK	OK OK	OK OK
OK OK	OK OK	OK OK	DISCARD Edge OK
OK OK	OK OK	Spec OK	OK OK
OK OK	OK OK		
100%	100%	83%	75%
Tootsie	Irish Rose	Tootsie	Irish Rose

Varnishing the blanks is better than oiling blanks

Note,
1067 E 1519 Lot 7 No bad Edges
Yet 160° Fahr poor surfaces

Bake 48 blanks 1 hour at 140° Fahr after each Coat,

Print Reg 1519 Lot 7 blanks —

Press 41 Round 1 182	2nd Round Press 42 183
OK OK bad varnishing	OK OK VERY FINE SURFICES
Spot at Edges from Long Press OK	OK OK
Specs Specs op	OK OK good 6
Specs OK	OK OK fine 6
Specs big area where OK	OK OK Very fine 6
Specs OK	OK OK Very Very Fine 2
Specs Specs op big area	Specs Specs op good or equal to old regulars Transfer records
OK OK	OK OK
OK OK	OK OK
Specs big area where OK	OK OK Note No bad Edges
OK OK	OK OK
Specs OK 33%	91% Condensed Var at 140 may toughen —
Wild Irish Rose No bad Edges	Tootsie

Must have got hold of badly varnished blanks

See next page

1067
3rd Round
Press 42
154

Specs ok
OK OK
OK OK
OK OK
OK OK
Specs ok
OK OK
OK OK
Specs Specs | op
OK OK
OK OK
OK OK

66%

Trash Rose

1067
4th R
Press 41
184

OK OK
Specs Specs | op
Specs Specs | op
Spec 0.80 ok
OK OK
Specs ok
Specs ok
Specs Specs | op
Com ok Edge

25%

Trash Rose

Note No Good Edges
These 4 Rounds
of 1067 treated surfaces
fair, perfectly
satisfactory

1068E

Very strange to say 1st Round
1068 Poor surfaces

Tracked on V-V + poor V-V

Dreary 1
Just fair 1
good 13
fine 5
V fine
VV fine

Bake 48 blanks 1 hour
at 160° Fahr after each
Coat,

Lot 7

Prunt Reg. 1519 blanks

Possibly blanks surface
change — or 160 Bake up
strengthen blank

Round 1 — Press 42
Round 2 — Press 41, Lot 7
Round 3 — Press 42
Round 4

Round 1:
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
Low var spot ok

91%
Tootsie

Round 2:
Com ok veneer
Low Var Spot ok
Low Var big Spot ok
Low Var Spot ok
Low Var Spot ok
Low Var Spot ok
Specs ok
Big bits Spot " "
Big bits Spot " "
Low Var Spots " "
Low Var Spot ok
Com ok veneer

16%
Trash Rose

Round 3:
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
OK OK
Spec 0.05 at Edge ok
OK OK

91%
Tootsie

Round 4:
OK OK
OK OK
OK OK
Specs Specs | not op
Low Var ok
OK OK

66%

Note Either press-pressman or Varnish Tech

1069 E

Hoffman

Make a quart or so of weld Van Leke 1019 but use 7.9 6/4 and 4 para, with Reg Sandrac + 5% Lampblack

Think this will have more drawn at 2250

186	187	188	189
1st Round 1519 - Lot 7 Press 42	1519 Lot 7 2nd Round press 41	1519 Lot 7 3rd Round	1519 Lot 7 press 41
Speco Speco o/p	OK OK	Speco Speco oil	4
OK OK	OK OK	OK OK	
OK OK	OK OK	Corn Edge OK	
OK OK	OK OK	Low Var OK	
Speco/big low OK flush	Low Var Spot OK	Speco OK	OK OK
OK OK	OK OK	Speco OK	OK OK
Low Var big OK	Speco Speco not o/p	OK OK	OK OK
OK OK	Speco OK	OK OK	OK OK
OK OK	OK OK	OK OK	OK OK
OK OK	Speco Speco o/p	OK OK	Low Var or oil o/p
OK OK	OK OK	OK OK	" " "
OK OK	Speco OK	OK OK	Low Var or oil o/p
OK OK		OK OK	" " "
			Low Var or oil OK
66%	58%	66%	63%
		Surfaces not good as 130° Bake -	
Tootsie	Irish Rose	Tootsie	Irish

1070 E

Bake 48 1519 blanks at 130° 2 hours after each Coat

Print reg 1519 each 4 Rounds

NOTE

#38 press 1st load we ever had from this press - nearly all rejected

All presses do not act alike

Looks as if this pressman allowed temp to go very high before 850 lbs was on

1519-Std Sch Lot 4	1519-Std Sch Lot 4	1519-Std Sch Lot 4
Press 42 179 Round 186	Press 40 180 187	Press 38 ~~1519~~ 188
OK OK	Dust at Edges OK	Specs Specs | op
Com OK Edge ✓	DISCARD-Edge Specs	Discard-Centerpulled Veneer
Feed line OK on a spec OK	OK OK	Specs OK
OK OK	OK OK	Specs Specs | not op
OK OK	OK OK	Specs Specs | not op
DISCARD-Veneer OK	Com OK veneer	Specs Specs | op
Specs OK	DISCARD-Veneer OK	Specs Specs | not op
OK OK	DISCARD-Edge OK	Specs Specs | op
OK OK	OK OK	Specs Specs | op
OK OK	DISCARD-Veneer OK	Discard-Veneer OK
OK OK	Specs Specs | op	OK OK
OK OK	OK OK	OK OK
		NOTE 38 Press for poor results
75%	50%	16%
Tootsie	Irish Rose	Tootsie

189 Round 1519 Lot 6 Std Sc	190 1519 Lot 6 Std Sch	191 Round 1519 Lot 6 Std Sol
Pieces 42	Pieces 42	Pieces 42
OK OK	OK OK	OK OK
Specs OK	Spec 03 numic OK	OK OK Scratch in Trunion Mould
OK OK	OK OK	Specs OK
OK OK	OK OK	OK OK
Specs Specs | op	OK OK	OK OK
Specs Specs | not opp	Specs Specs | op	OK OK
Specs Specs | op	Ferro. stand music OK	OK OK
Specs Specs | op	OK OK	OK OK
OK OK	OK OK Mould injured	OK OK
Specs OK	OK OK	Spec 063 - pull out quer OK
OK OK	OK OK	OK OK
Specs OK	Specs stand music OK	OK OK
41%	66%	83%
Jootsie	Brush Rose	Jootsie

Regs 1519 from Round 95 to 191

Defects in faces

Specs	65	Most of Discard were for Spec
Veneer	57	
Edges	68	Only a few of these are rejected but were Cound
Low Varnish	12	
pull outs	9	
Ferns	21	Except Specs Low Var, Ferns + pull outs
Oil	10	
poor prints	3	

1067 - 1519 3 Coats Baked 1 hour 140° + probably Condemned

Has surfaces

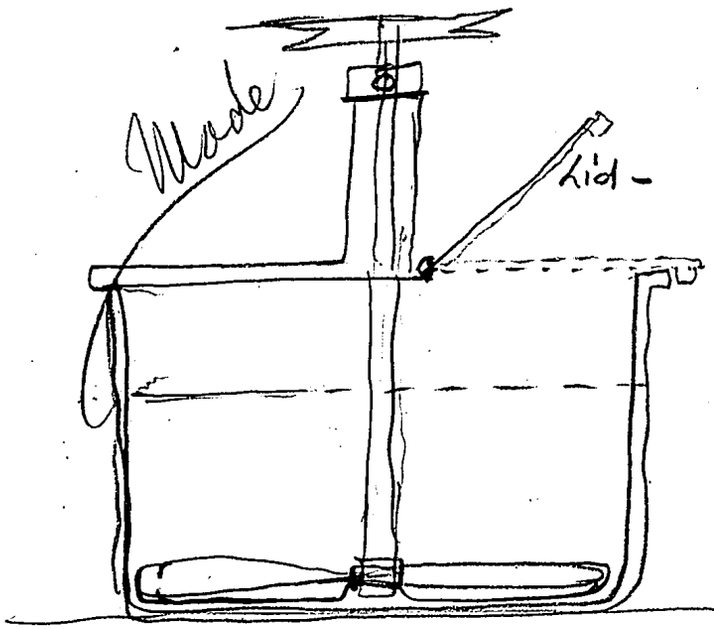
	1067	Reg
Just Pass	0	4
good	6	7
fine	6	7
Very fine	6	2
Very Very fine	2	0
Tracked	VV VV V Ro V Ro	V V bad V Ro 1 ok V Ro

as compared with same blanks baked at 130° + not Condemned

Note that when press was 225° before final pressure we got good surfaces like 1067

10th May 1916 —

Moore I think we have have a varnishing pot thus



Keep lampblack in suspension + prevent Evaporation

41 Press been acting very bad
had stop using — just ~~same~~
man on 40 —

Man today said they put a
new Gauge on 41 today

192nd Round Reg 1519 Lot 8 Reg Sch 3 Coat 1130° Press 42	193rd Round Reg 1519 Lot 8 Std Sch Press 40	194th Round Reg 1519 Lot 8 Sld Sch Press 42
OK OK Dent in M due to loose Touch	OK OK	OK OK
OK OK	Com OK Edge 1/16	OK OK
Com OK veneer 1/16	Low Varnish Spot OK	OK OK
OK OK	Specs 010 OK	OK OK
OK OK	OK OK	specs from oil OK
Spot 1/8 Stick to wood OK	OK OK	Com OK veneer 1/16
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	Com OK Edge	OK OK
OK OK	Com OK veneer 1/8	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	Low Var + specs OK
91%	83%	83%
Tootsie	Lush Roos	Tootsie

1071 E

Varnish 48 Blanks with 1019 Var which contains 3% of Para Bake One hour at 140° using inspected Blanks —
Have them printed by same man on same press, Use No 2 + 3 group of moulds,

In putting on Varnish use Rotating Mixing Cup with lid which should be opened + closed each time brush is put in

Regular Standard Schedule to be used

Blanks from Hoffman should be inspected so have no rough surfaces due to sticking to his moulds —

195th Round 1519 Lot 7 Std S	196th 1519 Lot 7 Std S	197th Lot 7 1519 Lot Otal S
Press 42	Press 42	42 Press
Fern at Edge OK	OK	OK
OK	OK	OK
Low Var Spot 1/4 OK	OK	OK
OK Low Var Spot 1/4	Com OK Veneer 1/16	Com OK Veneer 1/8 -
Com OK Veneer 1/16	Com OK Veneer 1/16	Fern 1/32 x 1/4 OK
Specs at Smooth Edge OK	OK	OK
OK	Spec 1/8 in Illusic OK	OK
Com OK Edge 1/16	Spec at Edge OK	OK
OK	OK	OK
OK	Specs End music OK	OK
OK	Specs Low Var Spot 1/4	OK
OK	OK	OK
75%	66%	91%
Jootoie	Jootoie	Jootoie

198 Round 1519 Lot 6	199 Round Lot 6 Std S.	200 1519 Lot 8 Std Sch
Press 40	Press 42 -	Press 42 -
OK	pull out space OK	OK
OK	OK	OK
Space 010 near Edge OK	Com OK Edge ✓	OK
Low spot - blank	OK	OK
" "	OK	Dirt along edge mould
brite big spot space	OK	Space + line near label OK
OK	OK	OK
OK	OK	Pull out 1/32 x 1/8 - Space near label
Space mould OK OK	OK	OK
low varnish " "	Com OK veneer 1/16	Com OK veneer 1/16
OK	OK	Com OK Edge 1/8
OK	OK	11 -
OK	OK	
	OK	
58%	91%	80%
Brian Rose	Footaie	Footaie

201 Round 1519 lot 8 Std S	202 Round 1519 lot 9	203 1519 lot 9
Press 41 -	Press 41 -	Press 42
OK OK	Spec OK	OK OK
Specs OK blank	Spec OK	Specs OK
Com OK Veneer 1/8	OK OK	OK OK
Com OK Edge 1/16	OK OK	OK OK
Discard - Veneer OK Well edge + see tree of OK	OK OK	OK OK
Specs OK	Com OK Veneer 1/32	Specs Specs | op
Specs Specs | op	OK OK	OK OK
OK OK	Com OK Edge V	Specs OK
low V - Mould OK OK	OK OK	Spec OK
OK OK	OK OK	Spec OK
Form OK	Specs Specs | op	OK OK
Com OK Veneer 1/8	OK OK	OK OK
50%	75%	58%
Irish Rose	Irish Rose	

1071 – Press 42.

Ferns
Big Bare Spot 3/4 x 1 3/4

Ferns big
Big Spot 1" clear

Ferns large
Specs

Low Spot
Specs

Low Spot 1" op
Spec

Spot 3/4 op
Specs

Specs op small
Fern

Specs 1" op
Specs Scattered

Spec 060
OK

Edge
OK

Specs
OK

OK
OK

Trish Rose

1071 E

1519 Prints

12 Prints Veneer ground off by Luhr –

Varnish Req 3 Coats brake 1 hour after each coat + print req 1519 Schedule. surfaces a little rough from use of Coarse emery paper

1 face has 2 depressions near label –

This is worse than Van records themselves probably because the 002 or 003 condensed helps print – + the new varnish adds 003 more making 006

204 1519 Lot 9 Std Sch	205-1519 Lot 9	206-1519 Lot 9
press 42	press 40	Press 42
Specs OK	Specs OK	Spec 1/8 at Edge OK
OK OK	Specs Specs | not op	OK OK
OK OK	OK OK	Specs OK
Spec 1/8 at Edge Specs	OK OK	OK OK
OK OK	Specs OK	Specs OK
OK OK	Low Varnish OK	OK OK
OK OK	Specs Specs | op	OK OK
Com OK Veneer 1/32	Com OK Veneer 1/16	Big Low Var OK
OK OK	OK OK	OK OK
Com OK Edge 1/16	Bare Spot 1/16 x 3/8 OK	OK OK
OK OK	OK OK	Cracked Blank X X
OK OK	OK OK	Com OK Edge 1/8
83%	50%	58%
Jootaie	Brush Rose	Jootaie

207-1915 Lot 9 Std 5	208-1915 Lot 9	209-1915-Lot 9
Press 42.	Press 40	Press 40
OK OK	OK OK	OK OK
OK OK	OK OK	Specs OK
OK OK	OK OK	OK OK
Com OK Edge V	OK OK	OK OK
OK OK	OK OK	Big area specs
OK OK	OK OK	" " " "
OK OK	Specs OK	" " " "
OK OK	Specs Specs op	" " " "
OK OK	Low spot Low spot op may be stacked	" " " "
OK OK	Specs Specs op	" " " "
OK OK	OK OK	" " " "
OK OK	Specs big area OK	" " " "
OK OK	Com OK Edge V	Specs OK
Specs OK		
91%	58%	25%
Jobtaio	Irish Rose	Irish Rose

Rotten Varnishing
No Inspection

210 - 1519 Lot 9	211 — 1519 Lot 9 Sledback	212 1519 Lot 9 Slot 5
42 Press	Press 42	Press 40
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	Specs to diffplane OK
OK OK	OK OK	Spec 020 OK
OK OK	Specs at Edge OK	OK OK
OK OK	Spot OK	Specs Specs / op
OK OK	Low mould! OK	OK OK
OK OK	OK OK	Spec 030 OK
Specs 2 of 020 OK	Com OK Edge V	Com OK venees V
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	Specs big area bite OK
OK OK		
91%	83%	58%
Footaire	Footbaich 7th in low	Irish Rose

213 1519 Lot 9	214 - 1519 Lot 9	215 1519 Lot 9
42 Pieces	40 Pieces.	40 Pieces.
OK OK	OK OK	OK OK
Com OK Edge V	OK OK	Speco - Edge OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	Low spot, Held for moore OK	OK OK
OK OK	OK speco	Speco - veneer 1/32 Speco
OK OK	Form Edge of mum OK	Speco OK
OK OK	OK OK	Low Var Low Var
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	
100%	75%	66%
Jootoie	Irish Rose	Jootoie

216 1519 Lot 9	217 1519 Lot 9	218 1519 Lot 9
Press 40 -	Press 42	Press 40
Com OK veneer 1/8	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	OK OK	Spec 050 Edge OK
Low Van spot 1" OK	OK OK	OK OK
OK OK	OK OK	OK OK
OK OK	spec 060 OK	OK OK
OK OK	OK OK	Specs Specs op.
OK OK	OK OK	OK OK
OK OK	OK OK	Specs Specs op
OK OK	Spec 1/8 OK	OK OK
OK OK	OK OK	OK OK
OK OK	Low Varnish Lineup OK	OK OK
91%	45%	75%
Tootsie	Irish Rose	Tootsie

1072 1st Round press 40	2nd Round	3rd Round	4th Round
Spot 1" slant OK	OK	OK	Spec - slant OK
OK	OK	OK	OK
OK	OK	OK	Com OK Veneer 1/16
OK	OK	Com OK Veneer 1/16	Spot 1/4 near end OK
Specs middle OK	OK	OK	OK
Specs Spec top End	OK	Low Spot 1/4 near end OK	OK
OK	OK	Spec OK	OK
OK	OK	OK	OK
Spot 1/4 bits near end OK	Spec 0.38 Pa middle OK	Spec mid OK	OK
OK	Spec near edge OK	OK	OK
OK	OK	Spec middle OK	OK
OK	OK	Spec Spec Spot near top Spot	OK
	Com OK Veneer		
66%	83%	58%	88%
Jootaie	Jootaie	Irish Rose	Irish Rose

1072 E

Print 4 Rounds of 1519 but final pressure to be 950 lbs instead of the Regular 850 lbs —

The Extra pressure does not stop trouble ?

219 1519 Lot 9	220 1519 Lot	221 1519 Lot
pieces 40.	pieces 40	pieces
OK OK	Veneer Veneer	
OK OK	OK OK	
OK OK	OK OK	
OK OK	OK OK	
OK OK	spot spot / op mould OK	
Spee middle music OK	Square ☐ no print 1/2 wrong mould OK OK	
Horn about of music OK	Low moulds 2 places OK Rosary 63.	
Spot 3/4 near Label OK	OK OK	
OK OK	OK OK	
OK OK	OK Low moulds Dream 58.	
OK OK	Spot 1/2" from end mould	
OK OK	OK OK	
OK OK	OK OK	
75%	58%	
Footsie	2 Low moulds	

To make up individual differences between blanks, must be local squeezes.

High side of blank compressed after made into a record .027
Low side ditto — .017½
difference .010½

See 5 pages ahead

5-11/16 —
Moore look 12 blanks with greatest variation in Calliper —
Put all the low Calliper edges one way or side of press.

#			Difference	After printing		difference
1	237	229	008	215	208	007
2	247	223	024	218	210	008
3	243	223	020	223	216	007
4	240	228	012	209	206	003
5	245	223	022	218	209	009
6	249	221	028	213	210	003
7	241	227	014	214	211	003
8	250	227	023	220	210	010
9	245	237	008	219	202	017
10	247	231	016	219	208	011
11	242	227	015	221	207	014
12	250	212	038	213	202	011
	244.7	225.7	019	217	208	.0086

average

Load 2
Press 42

Blanks compressed .022
in going from blanks to Records

Press had to take care of .019

In .004 on piston press will take care of .016, in this case .003 excess — If dirt in plunger bearing then would have to care for .019 or 6 times as much.

Reprint Press 4 — 1st Round

Terns at Edge isolated
OK

OK-
Terns at Edge isolated

OK
OK

Terns 1/2-separate holes — 1/2" from end music
OK

OK
OK

Spot | op Spot | op 2 def places
Spot

Terns | op 1/2 way in music
Terns

OK
OK

Spot no print | op-Mould another specs
Spot

Terns | op — another place bare spot
Terns

OK
Terns. Center of group 1" from End music
Long break no print Bad Varnish
Terns ~~[illegible]~~ Start of music

25%
Lucille Rose

1073 E 5-11/16

3 Sets of 1519 Prints rejected on account of bare spots & foreign defects — Revarnished. 3 Coats 1 hour bake, Printed Req 51d Schedule 2

Not Edged 2nd Round

Term 1/2 from Edge music also next Label.
Term Label long 3/4 around also at Start of music

OK
OK

Spot at Start & End music other Edge duplicated at other Edge
other Side this is duplicate

Specs | op 1" in from start of music
Specs

Term - 1/2" from start music
OK

Bare spot | op
Bare spot

Bare spot | op Extra bare spot
Bare spot

OK
OK

Bare spot 5/8 next Label
Term at start music
Specs that part music.

Bare | op End music
Terms

bare spot next Label
Specs next Label

OK
OK

Carried forward
4th page forward

25%
Tootsie.

1074 E

3 Sets of 1519 Prints Edged Repeated
to Regular Size or shade smaller
Revarnished 3 Coats 1 hour
bake —

Print seq Schedule

1st R. Press 41	2nd Round 42 press	3rd Round Press 41	4th Round Press 4
OK Com Varnish 1/32	OK OK	OK OK	1 OK OK
OK OK	OK OK	OK OK	2 OK OK
OK OK	Pull out OK	OK OK	3 Pull out Specs OK
OK OK	OK OK	OK OK	4 OK OK
OK OK	OK OK		Pull out 1/8 Pull out 1/8
OK OK middle press	OK OK slight Pull out on label	OK OK	Pull out 1/4 OK
Pull out Pull out op.	Pull out, - Specs OK	OK OK	OK OK
Pull out Veneer OK	Com OK pull out label small	OK OK	Pull out OK
OK OK	Pull out OK	OK OK	OK OK
OK OK	Pull out-Specs OK	OK OK	Pull out - few specs OK
OK OK	OK OK	OK OK	OK OK
OK OK	OK OK	OK OK	OK OK
		OK OK	
83%	66%	100%	58%
Load 2	Load 3	Load 2	Load 3

1075 E

1519

Varnished on Fred Otto machine

Print seq 1519 schedule

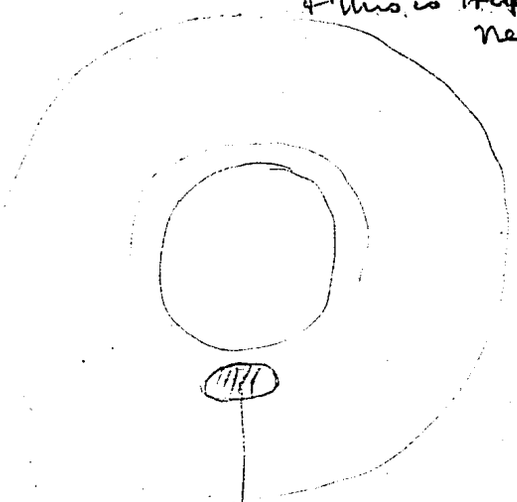
Machine Varnishing is OK as done by Fred Ott —

Every bad face is due to pull out on the mould.

We must Buff moulds to get a glare on them, or hold longer in press.

Prints generally
+ this is true of Reprints
nearly 5 out of
60%

Reprints have
ferns which
may appear
anywhere



75% Rejected here
Even when

1073 – Reprints 42 press
3rd Record

OK
OK

Specs end music nearly
Spec form end of music } Not but nearly a pop

Ferns last ½ of music
Ferns streak at feed line –

Fern at start music – Ferns on label
Fern last ½ music Fern end music

Bare spot start music – also ferns start music another place
Bare ferns Op – another Ferns Edge music

Big Ferns Middle Music
Specs at 2nd music "

Fern at start Fern at start, 2 places
OK

Ferns start music
OK

Spot, ferns like
OK

Spot
Ferns } op - last end of music

OK
OK

Spot
Spot } op near label " Spot
Spot } op end music "

16% Fresh Roses

Moores Selected 1519 blanks
Worst Variations in Calliper
Low Calliper on one side in
press press 42

OK
OK

OK
OK

Specs at stand incessic
OK

OK
OK

OK
OK

Com renew
OK

OK
OK

Specs - last part music
OK

OK
OK

OK
OK

OK
OK

OK
OK

The Clearance in Ram of
the press takes Care
of the deference
on bases 0045 from
Center Line of 009 fit

83%
Jootsic -

1076

1st Round
Press 42

1 OK OK
2 OK OK
3 OK OK
4 OK OK — Bridge Wall Top pulled out on mould opposite dillo big area — only Top of bridge wall pulled off — Dont hear it on machine
5 Pull out + squares Edge Edge v v op.
6 OK Com veneer
7 OK OK
8 OK OK
9 OK OK
10 Pull out Round 020 OK
11 Pull out 020 Pull out 020 3 at Edge
12 Same as 11

66%

Load 3

Press 41

Pull out on feed line OK
OK OK
OK Pull outs OK — Dont sound
OK OK — some specs hardly see dont sound
Pull out specs 3 sound but dont sound OK OK
Discard · Edge
OK
Pull out OK dont sound pull outs Discard hear
OK OK Pull out pull out — Dont sound
OK OK dent on Record
Pull outs big area sounds
OK OK
OK OK

66%

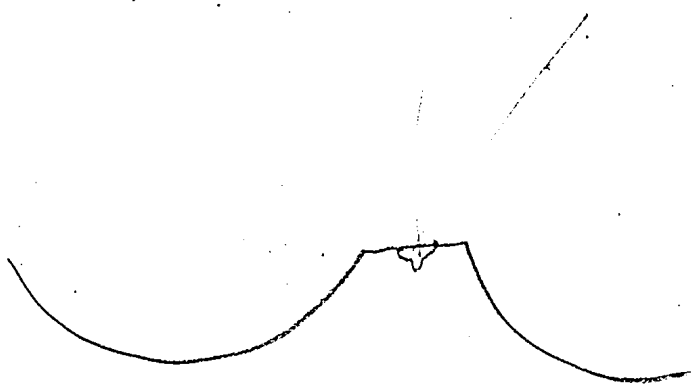
Load 2

1076 —

1519 —

Two rounds req schedule after Cold, take off all presses + leave them 5 minutes to get them stiff Coldery

Cooling More dont stop Pull Outs, may help some



10/40

5

20000
452 / 10000 (221
904
96
904
56

8 / 221
30

[ITEM(S) FOUND IN BOOK]

Reexamined
Nov 26/16
7 months after

1065

1 V fine -
2 good -

3 V fine
4 fine - light RO -

5 - V fine -
6 V fine light RO

7 fair, bad start.
8 soft - Contaminant light RO

Much better than present
surfaces

[ITEM(S) FOUND IN BOOK]

Retested 7 months after Nov 27/1916

1063 =

1 = V surface -
2 good " RO

3 fair to good -
4 good but RO

5 good general - but RO Tracked Cloud
6 " " no RO

7 — good general - RO
8 fair, cracking - Cloud mottled

9 hard - RO
10 fair -

Generally better than we make now, Nov 27/16

[ITEM(S) FOUND IN BOOK]

Reexamined
Nov 27/16

1067 = 7 months defer

1 V fine -
2 good - elite RO

3 good
4 good elite RO

5 fine -
6 fine -

7 fine - elite RO
8 fair to good

Probably 2 Coals

[ITEM(S) FOUND IN BOOK]

1058 — 3 Coats
1 hour bake between

1 =	fair - sharp stammy	— RO
2	"	"
3	"	"
4	Very Loud Continuous —	
5	Very Loud	"
6	Loud	"
7	Loud	RO
8	Loud	RO —
9	fair -	RO
10	Loud —	— RO

found 1 with radial
Cracks to music starting at
Small V's at Edge

Too ~~[illegible]~~ much Varnish
chipping & cracks [illegible] Square